10.2 <u>SERVICE DESCRIPTIONS</u> (Cont'd)

10.2.1 Voice Grade Service – Series 2000 (Cont'd)

- 3. Type 2432 A two or four-wire interface with effective four-wire facilities engineered for tie line service use between PBX's or customer-provided communications systems. Signaling is required for this service.
- 4. Type 2434 A two or four-wire interface for connection to the serving wire center where loop facilities are not required. This channel is suitable for tie line service (with E&M signaling) between Centrex Type Services Systems and may be connected with Type 2432 local channels.
- 5. Type 2435 A four-wire interface with effective four-wire facilities engineered for a 1004 Hz net loss of 0 to 16db. Generally furnished for voice transmission. Multipoint service may be provided at charges specified in the rate section of this tariff.
- 6. Type 2260 A two-wire¹ interface with effective two-wire facilities engineered for a 1004 Hz net loss of 16dB. Generally used in the provision of low speed (1200 baud or less) half duplex data services.
- 7. Type 2261 A two-wire interface with effective two-wire facilities engineered for use in Select-A-Station Service or Telemetry/Alarm Bridging Service (TABS).
- 8. Type 2462 A four-wire interface with effective four-wire facilities engineered for use in Select-A-Station Service, or Telemetry/Alarm Bridging Service (TABS).
- 9. Type 2463 A four-wire interface with four-wire facilities engineered for a 1004 Hz net loss of 16dB. Generally used in the provision of analog data services. Multipoint service may be provided at charges specified in the rate section of this tariff.

Note 1: Transmission data characteristics can only be met and guaranteed for the two-wire interface when the airline distance from the serving wire center to the customer's premises is one mile or less and the interoffice channel is not greater than 4 airline miles between serving wire centers.

10.2 SERVICE DESCRIPTIONS (Cont'd)

10.2.1 Voice Grade Service - Series 2000 (Cont'd)

10. Type 2464 – A two-wire interface with four-wire facilities engineered for a 1004 Hz net loss of 16dB. Generally used in the provision of analog data services. Multipoint service may be provided at charges specified in the rate section of this tariff.

D. Signaling Arrangements

1. Off Premises Stations

a. For use with PBX (or similar system) off-premises channels for terminal equipment. Signaling arrangements are furnished for grandfathered and registered PBX (or similar) systems in accordance with Part 68 of the FCC Rules and Regulations or for customer-provided communications systems not subject to Part 68 of the FCC Rules and Regulations.

Type A – Furnished for use with Class A PBX (or similar) system station ports capable of operation over loops with resistance in the range of 0-199 ohms.

Type B – Furnished for use with Class B PBX (or similar) system station ports capable of operations over loops with resistance in the range of 200-899 ohms.

Type C – Furnished for use with Class C PBX (or similar) system station ports capable of operation over loops with resistance in the range of 900 ohms or more.

b. For connections to registered or grandfathered PBX (or similar) system equipment, the customer must specify the equipment capability for use with Type A,B, or C Signaling Arrangements.

10.2 <u>SERVICE DESCRIPTIONS</u> (Cont'd)

10.2.1 Voice Grade Service - Series 2000 (Cont'd)

2. Tie Lines

- a. E&M signaling is provided for use with tie line channels with E&M signaling interfaces. Signaling Arrangements are furnished for grandfathered and registered PBX's in accordance with Part 68 of the FCC Rules and Regulations or for customer-provided communications systems not subject to Part 68 of the FCC Rules and Regulations.
 - An E&M Signaling Arrangement is required for each tie line termination, operating in a Dial Repeating mode, at a customer's premises with a registered PBX.
 - An E&M Signaling Arrangement is required for each tie line termination at a customer's premises with grandfathered PBX's when the tie line is arranged with an E&M signaling interface.
 - An E&M Signaling Arrangement is required with Types 2432 and 2434 channels for additions to or for new installations of grandfathered PBX equipment when not arranged with an E&M signaling interface.
 - An E&M Signaling Arrangement is required for each Type 2432 or 2434 channel termination at a customer's premises with a customer-provided communications system not subject to Part 68 of the FCC Rules and Regulations when arranged with an E&M Signaling interface.

10.3 RATE REGULATIONS

10.3.1 Types of Rates and Charges

- A. The two types of rates and charges are monthly rates and nonrecurring charges and are described as follows:
 - 1. Monthly Rates

Monthly rates are recurring charges that apply each month or fraction thereof that a service is provided. For billing purposes, each month is considered to have 30 days.

Rates applicable to a month-to-month payment option are subject to Company initiated changes.

10.3 RATE REGULATIONS (Cont'd)

10.3.1 Types of Rates and Charges (Cont'd)

2. Nonrecurring Charges

Nonrecurring Charges are one-time charges that apply for a specific work activity. The three types of nonrecurring charges that apply are installation of service, installation of features and functions and service rearrangements.

a. Installation of Service

Nonrecurring charges apply for each service terminated at the customer's premises. For the installation of local channels when more than one of the same type of service, between the same locations, for the same customer is ordered and installed at the same time, one at each location is billed at the First Service Installed rate and the others are billed at the Additional Service Installed rate.

The nonrecurring charges for the Installation of Services are set forth in the rate section of this tariff following as Nonrecurring Charges for the Local Channel and Interoffice Channel rate elements.

b. Nonrecurring charges apply for the installation of features and functions available with the various services. For some features and functions there is a lower charge if installed coincident with the service and a higher charge if installed subsequent to the service.

10.3 RATE REGULATIONS (Cont'd)

10.3.1 Types of Rates and Charges (Cont'd)

- c. Service Rearrangements
 - (1) Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements or a change in the Physical location of the point of termination at a customer premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in Section 10.3.2.

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Private Line Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes name),
- Change of customer or customer's premises address when the change of address is not a result of a physical relocation of equipment.
- Change in billing data (name, address or contact name or telephone number).

10.3 RATE REGULATIONS (Cont'd)

10.3.1 Types of Rates and Charges (Cont'd)

- (2) All other service rearrangements will be charged for as follows:
 - If the change involves the addition of other customer designated premises to an existing multipoint service, the nonrecurring charge for the local channel rate element will apply. The charges will apply only for the location(s) that is being added.
 - If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
 - If the change involves changing the type of signaling on a voice grade service the subsequent, nonrecurring charge will apply for the new type signaling. The charge will apply per service termination affected.
 - For all other changes, including a change of the customer of record involving no physical changes to the service provided or the addition of optional features without separate nonrecurring charges, a charge equal to a local channel rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

10.3 RATE REGULATIONS (Cont'd)

10.3.2 Moves

- A. A move involves a change in the physical location of one of the following:
 - 1. The point of interface at the customer premises.
 - 2. The customer's premises.
- B. The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.
 - 1. Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the nonrecurring (i.e., installation) charge for the affected service termination at the customer's premises. There will be no change in the minimum period requirements. If a move is made at the same time a service rearrangement is made, the total charge will never exceed a full nonrecurring charge for the basic service.

2. To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established at the new location. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

10.3 RATE REGULATIONS (Cont'd)

10.3.3 Mileage Measurements

- A. When station locations of a private line service are located in different wire center serving areas, interoffice channel charges apply. Charges are based on the direct airline distance measured between the serving wire centers. Mileage is determined in accordance with the following:
 - 1. Obtain the "V" and "H" coordinates for each wire center, as listed in the National Exchange Carrier Association Tariff F.C.C. No. 4.
 - 2. Obtain the difference between the "V" coordinates of the two wire centers. Obtain the difference between the "H" coordinates. (The difference is always obtained by subtracting the smaller coordinate from the larger coordinate.)
 - 3. Square each difference obtained in 2. preceding.
 - 4. Add the squares of the "V" difference and the "H" difference obtained in 3. preceding.
 - 5. Divide the sum of the squares obtained in 4. preceding by 10.

10.3 RATE REGULATIONS (Cont'd)

10.3.3 Mileage Measurements (Cont'd)

6. Obtain the square root of the result obtained in 5. Preceding. This is the rate distance in miles. (Fractional miles being considered as full miles.)

EXAMPLE: The rate distance is required between City One and City Two.

	V	H
City One	7260	2083
City Two	7364	1865
Difference	104	218
Squared	10,816 + 47,524	= 58,340

58,340 divided by 10 = 5834

Square root of 5834 = 76.38 = 77 Airline miles

- B. When a private line is furnished over facilities which the Company elects to provide on a direct basis and is not routed through a central office, one two-point channel charge from the rate section of this tariff will apply. The arrangement is limited to channels not more than one airline mile in length.
- C. For the purpose of applying multipoint charges, the bridging or hubbing locations are determined by that combination of airline distances connecting the serving wire center which will produce the lowest interoffice mileage charges. Bridging charges apply when three or more channels connect at the same location.
- D. For Series 2000 channels the customer may specify the sequence in which the service points are to be connected in which case the rate mileage is the shortest airline mileage determined in accordance with paragraph C. preceding which will connect the wire centers of the service points in the specified sequence.

10.4 **DIGITAL SERVICE**

10.4.1 General

- A. This service is provided for the transmission of digital signals only and is furnished only via digital transmission facilities.
- B. Digital service provides for the simultaneous two-way transmission of synchronous digital signals at speeds of 2.4, 4.8, 9.6, 19.2, 56, and 64 Kbps between customer locations where appropriate digital facilities for this service are available as determined by the Company.
- C. Multipoint Service capability may not be available in all Digital service locations.
- D. To ensure satisfactory operation, the terminal equipment provided by the customer must be compatible with the channel facility provided by the Company.
- E. Unless specified following, the regulations for Digital service specified herein apply.
- The rates specified for Digital service are in the rate section of this tariff. The Company will provide a digital facility over existing interoffice carrier equipment and/or transmission facilities compatible with Digital service. If new equipment and facilities or changes to existing facilities are required to provide for Digital service, a special construction charge based on the cost incurred to make the changes may apply in addition to these rates.
- G. Digital service is available on a month-to-month basis or under contract plans as described in 10.4.2.E. following.

10.4 DIGITAL SERVICE (Cont'd)

10.4.2 Regulations

- A. Description of Service
 - 1. Service is furnished for the simultaneous two-way transmission of digital signals at synchronous rates of 2.4, 4.8, 9.6, 19.2, 56, and 64 Kbps between two or more points located within a LATA. These channels may also be furnished on a link (partial channel) basis.
 - 2. Service is furnished for full duplex operation only.
 - 3. A minimum initial service period of 3 month is required.
 - 4. The design, maintenance and operation of Digital service contemplates communications originating or terminating at stations of the customer. While connections to communications systems provided by others may be made on a permissive basis, the Company does not represent this service as adapted for such connections, and shall not be responsible for the through transmission of signals, or the quality of such transmission on such connections.
 - 5. A Channel Service Unit provided by the customer is required at a customer's premises to perform such functions as:
 - proper termination of the service
 - amplification
 - signal shaping
 - remote loop-back

10.4 <u>DIGITAL SERVICE</u> (Cont'd)

10.4.2 Regulations (Cont'd)

- B. Method of Applying Rates
 - 1. A Digital Local Channel is furnished between a Serving Wire Center and the demarcation point on a customer's premises.
 - 2. Node Terminations are applied to each termination within the Node Central Office. A change is applicable for each Local Channel and/or Digital Interoffice Channel connected within a Node Central Office.
 - 3. A Digital Interoffice Channel will be required when a Digital Local Channel originates from a Serving Wire Center that is not a Node Central Office. The rate is based on airline mileage, or fraction thereof, between the Serving Wire Center and the Node Central Office.
 - 4. A Digital Interoffice Channel will be required between Nodes when a customer has a requirement to connect premises located in separate Nodal Service Areas. The rate is based on airline mileage, or fraction thereof, between Node Central Offices.¹
 - 5. Airline distance between Company central offices shall be developed using methodology and Vertical (V) and Horizontal (H) coordinates contained in the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4. Fractional miles are to be rounded up to the next full mile.

Note 1: When customer premises terminations are located in wire centers assigned to different primary nodes, digital interoffice channel mileage will be calculated from each serving wire center to its assigned primary node, and digital internodal channel mileage will be calculated for the distance between the two primary nodes in the routing sequence.

10.4 <u>DIGITAL SERVICE</u> (Cont'd)

10.4.2 Regulations (Cont'd)

C. Connections

- 1. Customer-Provided Terminal equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems may be connected to Digital service when such a connection is made in accordance with the provision specified in 2. and 3. following.
- 2. The responsibility of the Company shall be limited to the furnishing and maintenance of service to a network interface on the customer's premises were provision is made for the connection of local service. The customer is responsible for installing and testing his premises equipment or facilities to insure that when they are connected with the Digital service such equipment or facilities are operating properly.
- The customer responsibility shall include cooperative testing with the Company as may be necessary. Where regeneration and/or equalization adjustments or changes may be required to compensate for rearrangements and/or changes in outside plant facilities, the customer will be responsible for all expenses incurred in changes to his premises equipment.

10.4 <u>DIGITAL SERVICE</u> (Cont'd)

10.4.2 Regulations (Cont'd)

- 4. Connection of Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer provided Communications Systems.
 - a. The following provisions apply:
 - (1) Customer-Provided Terminal Equipment and Customer-Provided Communications Systems may be connected at the premises of the customer to Digital service.
 - (2) The customer, by use of its own derivation equipment, may create digital bit streams from Digital service. Such equipment may be connected for transmission of such bit streams when connected through a customer-provided CSU.
 - b. Connections to Other Services Furnished by the Company to the Same Customer

Digital service as furnished by the Company may be connected to another service or to other services furnished by the Company as specified following:

(1) At the premises of the customer to Series 2000 analog data channels furnished under the rates and regulations of this Company's Tariff.

10.4 <u>DIGITAL SERVICE</u> (Cont'd)

10.4.2 Regulations (Cont'd)

 Connections to other services furnished by the Company to different customers

Digital service as furnished by the Company to a customer may be connected at the premises of the customer to other services furnished by the Company to different customers as specified in 10.4.2.C. preceding.

d. Connection of Channel Service Units

A Channel Service Unit (CSU) must be provided by the customer to connect a company-provided digital facility.

10.4 DIGITAL SERVICE (Cont'd)

10.4.2 Regulations (Cont'd)

- (1) The Company shall not be responsible for installation operation or maintenance of any terminal equipment or communications systems provided by a customer. Digital service is not represented as adapted to the use of such equipment or system. Where such equipment or system is connected to Company facilities the responsibility of the Company shall be limited to the furnishing of facilities suitable for Digital service and to the maintenance and operation in a manner proper for such digital service. The Company shall not be responsible for:
 - the through transmission of signals generated by such equipment or system, or for the quality of, or defects in such transmission or
 - the reception of signals by such equipment or systems, or
 - damage to terminal equipment or communication systems provided by a customer due to testing.
- (2) The Company shall not be responsible to the customer if changes in any of the facilities, operations or procedures of the Company utilized in the provision of Digital service render any facilities or equipment provided by a customer obsolete, or require modification or alteration of such equipment or system or otherwise affects its use or performance.

10.4 DIGITAL SERVICE (Cont'd)

10.4.2 Regulations (Cont'd)

- (3) The Company undertakes to maintain and repair the facilities which it furnishes. The customer may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Company without prior written consent of the Company.
- (4) The Company has set a design objective of 99.5 percent error free seconds at all speeds with Digital service.
- D. Payment Arrangements and Credit Allowance
 - 1. The minimum period for which service is furnished and for which charges are applicable is 3 months.
 - 2. Suspension of service is not allowed.

10.4 DIGITAL SERVICE (Cont'd)

10.4.2 Regulations (Cont'd)

- 3. When service is interrupted due to causes other than the negligence of the customer, or the failure of facilities furnished by the customer, a credit allowance will be made upon request for the portion of the service which is affected. For the purpose of determining the amount of allowance every month is considered to have 30 days and only those stations on the interrupted portions of a service shall be considered in the determining the number of stations affected. All such credit allowances shall begin from the time of notice by the customer to the Company that an unsatisfactory performance level has occurred, provided that the customer promptly releases the service as requested by the Company to perform testing and maintenance.
 - a. Interruptions of less than three hours no credit is applied.¹
 - b. Interruptions of three hours or over are credited to the customer at the proportionate monthly charge in half-hour multiples for each half-hour or major fraction thereof of interruption.
 - c. Interruption for a period of twenty-four hours or more, credit is allowed or the proportionate part of the monthly charge in multiples of one day for each twenty-four hours or major fraction thereof of interruption for the portion of the service affected by the interruption.

Note 1: Two or more interruptions of 30 minutes or more, during any period up to, but not including 3 hours, shall be considered as one interruption.

10.5 T-1 SERVICE

10.5.1 General

- A. T-1 Service is furnished for Private Line IntraLATA Communications by the Company.
- B. T-1 Service is a service for the transmission of digital signals only and uses only digital transmission facilities.
- C. T-1 Service provides for the simultaneous two-way transmission of isochronous digital signals at DS1 speeds of 1.544 mbps, where facilities are available.
- D. To ensure satisfactory operation, the terminal equipment provided by the customer must be compatible with the DS1/1.544 Mbps channel facility provided by the Company. The technical specifications and standard network interfaces for T-1 Service are contained in BellSouth Services Technical Reference Publication 73525. This publication is available from BellSouth Services Documentation Operations, North W5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243.
- E. Unless specified following, the regulations for T-1 Service specified herein apply in addition to the regulations set forth in Section 2 preceding.
- The rates specified for T-1 Service in the Rate Schedule following, contemplate the provision of a digital quality facility over existing interoffice carrier equipment and/or exchange cable facilities compatible with this service. If such equipment, new facilities or changes to existing facilities are required for the provision of this service, a special construction charge based on the cost incurred to make the changes will apply in addition to the rates for T-1 Service.

10.5 <u>T-1 SERVICE</u> (Cont'd)

10.5.2 Regulations

- A. Description of Service
 - T-1 Service is furnished for the simultaneous two-way transmission of serial, Bipolar, Return-to-Zero (BPRZ) isochronous digital signals, except where intentional bipolar violations are introduced by Bipolar with 8 Zero Substitution (B8ZS) format, at a speed of DS1/1.544 Mbps between two-points located within a LATA.
 - 2. Multipoint service is not available.
 - 3. T-1 Service is available on a month-to-month basis or under variable rate periods, with rates based on lengths of 36 months, 60 months, or 84 months under conditions specified in Section 2 of this Tariff.
 - 4. Connection of DS1/1.544 Mbps communications systems provided by others may be made on a permissive basis as provided for in Section 2. The Company does not represent its T-1 Service as adapted for such connections, and shall not be responsible for the through transmission of signals, or the quality of such transmission on such connections.
 - 5. A Channel Service Unit (CSU) or appropriate Termination Equipment (TE) provided by the customer is required at a customer's or authorized user's premises to perform such functions as:
 - proper termination of the service
 - amplification
 - signal shaping
 - remote loop-back

10.5 <u>T-1 SERVICE</u> (Cont'd)

10.5.2 Regulations (Cont'd)

- A. Description of Service (Cont'd)
 - 6. The design, maintenance and operation of T-1 Service contemplates communications originating and terminating as (1) a customer premises to customer premises channel via the Company's Serving Wire Center, (SWC) and/or through remote SWCs; (2) a customer premises to the Serving Wire Center and/or to remote SWCs partial channel (link); or (3) a central office to central office (interoffice) partial channel (link).
 - 7. T-1 Service may also be furnished on a link (partial channel) basis when connected to Centrex Type Services, T-1 channel service, another T-1 Service.
 - 8. All appropriate rates specified in the Rate Schedule at the end of this tariff are in addition to the monthly rate per package or single channel for T-1 Service specified in this Tariff.

B. Definitions

Channel Service Unit

The term "Channel Service Unit" (CSU) denotes equipment provided by the Customer to terminate a digital facility on the customer's or user's premises.

DS1

This denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It has a 1.544 Mbps transmission data rate, and provides for the two-way simultaneous transmission of isochronous timed, Bipolar Return-to-Zero (BPRZ) bit stream format except where intentional bipolar violations are introduced by Bipolar with 8 Zero Substitution (B8ZS) format. Unframed signal formats are not permitted or compatible with Company equipment. The required format and interface specifications are contained in BellSouth Services Technical Reference Publication 73525.

10.5 <u>T-1 SERVICE</u> (Cont'd)

10.5.2 Regulations (Cont'd)

B. Definitions (Cont'd)

Digital Local Channel

The term "Digital Local Channel" denotes a path for T-1 Service furnished from the demarcation point on a customer's premises to their Serving Wire Center.

Interoffice Channel

The term "Interoffice channel" denotes a path (or paths) for digital transmission between Company Serving Wire Centers within a LATA. An interoffice channel may be furnished in such manner as the Company may elect.

C. Application of Rates

- Digital Local Channels furnished between a Serving Wire Center and the customer's premises will be charged at rates based on the first 1/2 mile and each additional 1/2 mile for the airline distance measured between the customer's premises and their Serving Wire Center.
- 2. Interoffice Channels furnished between Central Offices will be charged at rates based on airline distance between the Central Offices.
- 3. T-1 Service is available on a month-to-month basis or under variable rate periods. Contract rate increases are subject to the stipulations of 4. following.

10.5 <u>T-1 SERVICE</u> (Cont'd)

10.5.2 Regulations (Cont'd)

- C. Application of Rates (Cont'd)
 - 4. T-1 Service rates under contract will not be increased by Company initiative until the contract period expires. Rates in effect at the time the service is installed and/or as of the service order application date, will be applicable until the contract expires. At the expiration date of the customer's payment period option, the customer may select a new payment period option at current rates or revert to current rates on a month-to-month basis.
 - 5. A Termination Liability Charge is applicable at the date of termination.

 The applicable charge is dependent on the contract period subscribed to and will be equal to the number of months remaining in the contract times the monthly rate provided under the contract
 - 6. Airline distance between Company central offices shall be developed using the methodology, found in 10.3.3 of this Tariff. Fractional mileage shall be rounded up to the next full mile.

10.5 <u>T-1 SERVICE</u> (Cont'd)

10.5.2 Regulations (Cont'd)

D. Connections

1. Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems may be connected to T-1 Service when such connection is made in accordance with the provision specified in 2., 3., and 4. following.

2. Responsibility of the Company

- a. The responsibility of the Company shall be limited to the furnishing and maintenance of T-1 Service to a network interface on the customer's premises where provision is made for the connection of local service.
- b. The Company shall not be responsible for installation, operation, or maintenance of any terminal equipment or communications systems provided by a customer. T-1 Service is not represented as adapted for the use of such equipment or system. Where such equipment or system is connected to Company facilities the responsibility of the Company shall be limited to the furnishing of facilities suitable for T-1 Service and to the maintenance and operation in a manner proper for such digital service. The Company shall not be responsible for:
 - the through transmission of signals generated by such equipment or system, or for the quality of, or defects in, such transmission or
 - the reception of signals by such equipment or systems, or
 - damage to terminal equipment or communications systems provided by a customer or authorized user due to testing.

10.5 <u>T-1 SERVICE</u> (Cont'd)

10.5.2 Regulations (Cont'd)

- D. Connections (Cont'd)
 - c. The Company shall not be responsible to the customer if changes in any of the facilities, operations or procedures of the Company utilized in the provision of T-1 Service render any facilities or equipment provided by a customer obsolete, or require modification or alteration of such equipment or system or otherwise affects its use or performance.
 - d. The Company undertakes to maintain and repair the facilities which it furnishes. The customer may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Company without prior written consent of the Company.
 - 3. Responsibilities of the Customer
 - a. The customer is responsible for installing and testing his premises equipment or facilities to insure that when they are connected to T-1 Service such equipment or facilities are operating properly.
 - b. The operating characteristics of the customer premises equipment or facilities shall be such as to not interfere with any of the services offered by the Company. Such use is subject to the further provisions that the equipment provided by a customer does not: endanger the safety of Company employees or the public; damage, require change in or alteration of the equipment or other facilities of the Company; interfere with the proper functioning of such equipment or facilities; impair the operation of the Company's facilities or otherwise injure the public in its use of the Company's services. Upon notice that the equipment provided by a customer is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.

10.5 <u>T-1 SERVICE</u> (Cont'd)

10.5.2 Regulations (Cont'd)

- D. Connections (Cont'd)
 - c. The customer's responsibility shall include cooperative testing with the Company as may be necessary. Where regeneration and/or equalization adjustments or changes may be required to compensate for rearrangements and/or changes in outside plant facilities, the customer will be responsible for all expenses incurred in changes to his premises equipment.
 - 4. Connection of Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems.
 - a. The following provisions will apply:
 - (1) Customer-Provided Terminal Equipment and/or Customer-Provided Communications Systems may be connected at the premises of the customer to T-1 Service.
 - (2) The customer, by use of its own derivation equipment, may create digital bit streams from a T-1 Service and such equipment may be connected for transmission of such bit streams when connected through a customer-provided CSU/TE.
 - (3) The undertaking of the Company is to furnish T-1 Service as ordered and specified by the customer as specified in d) following.

10.5 T-1 SERVICE (Cont'd)

10.5.2 Regulations (Cont'd)

- D. Connections (Cont'd)
 - b. Connections to Other Services Furnished by the Company to the Same Customer
 - T-1 Service furnished by the Company may be connected by the customer to another service or to other services furnished by the Company as specified in D.2 preceding. Connected services are subject to all rules and regulations governing the provisioning of those services.
 - c. Connections to Other Services Furnished by the Company to Different Customers

The customer may connect at the premises of the customer, another T-1 Service or other services furnished by the Company to different customers as specified in d.2. preceding. Connected services are subject to all rules and regulations governing provisioning of those services.

10.5 <u>T-1 SERVICE</u> (Cont'd)

10.5.2 Regulations (Cont'd)

- D. Connections (Cont'd)
 - d. Connection of Channel Service Units

A Channel Service Unit (CSU) or appropriate Termination Equipment (TE) must be provided by the customer to connect a Company-provided digital facility. In accordance with Part 68 of the FCC's Rules and Regulations, new grandfathered CSU/TEs may be connected, moved, and reconnected until June 30, 1987. After this date only registered and previously connected grandfathered CSU/TEs may be connected to Company-provided digital facilities.

Grandfathered CSU/TE equipment must comply with the requirements outlined in BellSouth Services Technical Reference 73525. This publication is now available from BellSouth Services Documentation Operations, North W5A1, 3535 Colonnade Parkway, Birmingham, AL 35243. Registered technical requirements for CSU/TEs are outlined in Part 68 of the FCC's Rules and Regulations. A copy may be obtained from the Federal Communications Commission, Room BB300, Washington, D. C. 20054.

10.5 <u>T-1 SERVICE</u> (Cont'd)

10.5.2 Regulations (Cont'd)

- E. Features
 - 1. Clear Channel Capability
 - a. Clear Channel Capability (CCC) is an arrangement that alters a DS1/1.544 Mbps signal with unconstrained information bits, to meet pulse density requirements outlined in Technical Reference 73525. This will allow a customer to transport an all zero octet over a T-1 Service channel providing an available combined maximum 1.536 Mbps data rate. This arrangement requires the customer signal at the channel interface to conform to Bipolar with 8 Zero Substitution (B8ZS) line code as described in Technical Reference 73525.
 - b. CCC is provided on T-1 Service channels between two customer designated premises, from a customer premises to their Serving Wire Center or Node Central Office and/or to a remote Serving Wire Center or Node Central Office, and from a Central Office to a Central Office, and is subject to the availability of facilities. This optional feature may be ordered at the same time the T-1 Service channel is ordered, or it may be ordered as an additional feature of an existing T-1 Service channel.

10.5 <u>T-1 SERVICE</u> (Cont'd)

10.5.2 Regulations (Cont'd)

- F. Payment Arrangements and Credit Allowance
 - 1. The minimum period for which T-1 Service is furnished and for which charges are applicable is one month.
 - 2. Suspension of service is not allowed.
 - When T-1 Service is interrupted due to causes other than negligence of the customer, or to the failure of facilities or equipment furnished by the customer, a credit allowance will be made upon request for the portion of service affected. For the purpose of determining the amount of allowance, every month is considered to have 30 days. All credit allowances shall begin from the time of notice by the customer to the Company, and will end when the service is operative. No credit is allowed for interruption to service of less than 30 minutes. Interruptions of 30 minutes or more are credited to the customer at the proportionate monthly rate in half-hour multiples for each half-hour, or major fraction thereof, of interruption. A customer must report the outage in order to receive service outage credit. The total credit received in any month shall not exceed the monthly rate for the service.

10.6 RATES AND CHARGES

Rates and charges for Private Line Service can be found in Section 16 and the Price List of this tariff.

RESERVED FOR FUTURE USE

RESERVED FOR FUTURE USE

INTEGRATED SERVICES DIGITAL NETWORK (ISDN) SERVICE

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INTEGRATED SERVICES DIGITAL NETWORK (ISDN) SERVICE

13.1 GENERAL INFORMATION

13.1.1 Description

Integrated Services Digital Network (ISDN) is a digital architecture that provides an integrated voice/data capability to the customer premises facility, utilizing the public switched network. ISDN distributes voice, data video, image and facsimile by two standard methods of access: a Basic Rate Interface (BRI) or a Primary Rate Interface (PRI). These are serving arrangements which conform to internationally developed, published, and recognized standards generated by the International Telecommunications Union (formerly CCITT).

13.1.2 Definitions

A. Basic Rate Interface (BRI)

BRI consists of up to three distinct channels on one pair of wires: one or two B (Bearer) channels and one D (Delta) channel. BRI is offered on either an individual case basis or in flat or measured rate single line ISDN service.

B. B (Bearer) Channel

The B-channel carrier circuit-switched voice and/or data communications at speeds up to 64 kbps, from the customer's premises, over the loop facility, to the central office.

C. B-Channel Circuit-Switched Data

Circuit-Switched Data provides the capability of making data calls over the public switched network. Information is transmitted the same way as digitized voice. Like a voice call, a circuit switched data call ties up network/system resources for the duration of the call. Similar to voice, caller ID functionality is provided.

D. D (Delta) Channel

The D-channel carries signaling and/or packet data information, at speeds up to 16 kbps on BRI, and signaling only information up to 64 kbps for PRI, from the customer's premises to the central office. The D-channel has both data and signaling functionality; it does not have voice capability.

INTEGRATED SERVICES DIGITAL NETWORK (ISDN) SERVICE

13.1 GENERAL INFORMATION (Cont'd)

13.1.2 Definitions (Cont'd)

E. Primary Rate Interface (PRI)

PRI has a capacity of 1.544 Mbps and has multiple channels: 23 B-channels, and 1 D-channel, and is also known as 23 B+D access. The B-channels carry voice calls, circuit switched data, and video, while the D-channel handles signaling information. Once the customer has subscribed to PRI service subsequent T1 may be configured with 24 B channels circuits, subject to D channel signaling capacity.

F. Service Area

Service Area pricing for Single Line ISDN Service includes all customers who:

- Draw dial tone directly from an ISDN switch, or
- It is within a designated distance, as determined by the Company, from an ISDN equipped switch.

G. T1/DS1 Facility

This element is the digital facility transmitting at a rate of 1.544 Mbps. The T1/DS1 signal provided to the customer's premises will have a loss not greater than 16.5 dB. Construction charges may apply.

H. Digital Subscriber Loop (DSL)

The digital ISDN connection from the Central Office to the customer's premises.

13.1 GENERAL INFORMATION (Cont'd)

13.1.3 Terms and Conditions

A. General

- 1. The customer will be responsible for the procurement of associated customer premises equipment (CPE) and will ensure compatibility with the ISDN digital switch serving the customer. CPE must meet national ISDN1 (NT1) standards to insure compatibility with ISDN services.
- 2. ISDN includes a comprehensive 2 B+D package. The standard features and functions support two terminals per BRI. Within the standard basic package there is little flexibility for customization.
- 3. ISDN does not offer B-channel packet service capabilities.
- 4. Palmetto Telephone Communications, LLC will terminate ISDN Services at the customer's demarcation point.
- 5. Should any change in customer owned inside wiring (including riser cable) or customer owned CPE require Palmetto Telephone Communications, LLC to redesign ISDN service, the customer shall reimburse Palmetto Telephone Communications, LLC for all costs incurred by Palmetto Telephone Communications, LLC for making such a change. Should ISDN service fail due to customer owned inside wiring or CPE, or power failure, the responsibility for failure shall be solely that of the customer and Palmetto Telephone Communications, LLC shall have no liability of any kind.
- 6. The customer is responsible for replacement, installation, operation, maintenance, repair and replacement of all customer owned inside wire and CPE that the customer uses in connection with this service. Premises wiring and CPE must be compatible with the Palmetto Telephone Communications, LLC's provision of ISDN Service.
- 7. If there is an ISDN Service interruption which lasts more than 24 consecutive hours after the customer gives Palmetto Telephone Communications, LLC notice of such out-of-service condition, except for problems caused by the customer's actions, inside wiring, interface, and/or CPE, an out-of-service credit will be applied to the customer's bill. This service shall be based on a 30-day month and shall be calculated by dividing the monthly rate for the service affected by 30 days and multiplying that daily rate by the number of days, or major fraction thereof, that the service was interrupted. This will be the customer's sole remedy.

13.1 GENERAL INFORMATION (Cont'd)

13.1.3 Terms and Conditions (Cont'd)

A. General (Cont'd)

8. This ISDN service offering is considered an optional service. The ISDN equipment at the customer's premise will not function with the loss of electrical power leaving this service inoperable. Service location moves of ISDN circuits will be treated as a discontinuance and start of new service, therefore all associated nonrecurring charges will apply.

B. Provisioning of ISDN

- 1. The rates and charges specified for ISDN are applicable only to customers whose serving central office has been identified by Palmetto Telephone Communications, LLC as having ISDN available.
- 2. ISDN may be provided to customers from a central office other than their normal serving office as determined by Palmetto Telephone Communications, LLC.
- ISDN is offered where compatible facilities and equipment are available. Service is generally considered available for loops 18 kilofeet or less in length. Loops greater than 18 kilofeet in total length must meet ISDN extension technology design requirements and will be considered available if ISDN compatible pair gain systems are in place or planned to serve the area based on the scheduled placement of compatible pair gain systems. If no pair gain system is in place or planned, loops greater than 18 kilofeet in length will also be considered available if single line loop extension equipment can be deployed and the loop is within the design limitation of this type of extension equipment. If the loop is greater than 18 kilofeet in length, additional engineering and construction charges may apply.
- 4. Some products and services are not available and/or compatible with ISDN. Therefore, customer should check with Palmetto Telephone Communications, LLC for capability before purchasing and installing this service.

13.1 GENERAL INFORMATION (Cont'd)

13.1.3 Terms and Conditions (Cont'd)

- C. Local Calling Areas and Telephone Numbers
 - 1. If a customer is provided service from a designated central office which is not the customer's normal serving office, the local calling area for the customer's ISDN will be that of the designated ISDN-equipped CO.
 - 2. Calling areas are subject to change as additional central offices become capable of directly providing ISDN services to the customer's own and nearby serving area. Changes to calling areas will affect customer telephone numbers.

D. Indemnification

- It is the customer's responsibility to indemnify and hold harmless Palmetto Telephone Communications, LLC against any and all claims, losses, liabilities, damages and lawsuits brought by any nonparty and arising, in whole or in part, out of customer's material breach of this tariff. Indemnification shall include, but is not limited to: costs and attorney's fees.
- 2. The customer is responsible for the content of communications. Where the customer's negligence or wrongful actions in using customer owned inside wire or CPE, or customer's communications result in any claim or legal action brought by any nonparty, the customer shall indemnify and hold Palmetto Telephone Communications, LLC harmless.

E. Protection of the Network

- Palmetto Telephone Communications, LLC has the right and option to check the output of any equipment used in the transmission of signals, to or from the customer premises, for this service. This includes Palmetto Telephone Communications, LLC provided facilities or other companies' facilities used in connection with provision of ISDN capabilities, such as CPE.
- 2. Palmetto Telephone Communications, LLC will notify the customer of any deviation from the authorized transmission or specifications established in provision of the service.

13.1 GENERAL INFORMATION (Cont'd)

13.1.3 Terms and Conditions (Cont'd)

- E. Protection of the Network (Cont'd)
 - Upon notification by Palmetto Telephone Communications, LLC that 3. unauthorized transmissions are present due to customer equipment or facilities, the customer will correct the situation on an expeditious basis or service will be disconnected by Palmetto Telephone Communications, LLC to protect the network. Palmetto Telephone Communications, LLC shall not be liable for and disclaims liability for losses which might be incurred as a result of disconnecting the service, and disclaims any and all implied warranties, including, without limitation, warranties of merchantability and fitness for a particular purpose. With respect to such equipment of service, Palmetto Telephone Communications, LLC shall not be liable for any incidental or consequential damages, including, but not limited to loss, damage, or expense directly or indirectly arising from the customer's use of or inability to use this service or equipment, either separately or in combination with other services or equipment.

F. Agreement

Fixed period agreements will be priced on an Individual Case Basis (ICB) depending on the number of years of the agreement. Additions or changes to the agreement will be negotiable between the Company and the customer.

13.2 RATES AND CHARGES

Rates and charges for Integrated Services Digital Network (ISDN) Service can be found in Section 16 and the Price List of this Tariff.

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Effective: Upon Approval of the Commission Issued: May 25, 2005

15.1 SPECIAL CONSTRUCTION

15.1.1 Basis for Charges

Basis for Charges where the Company furnishes a facility or service for which a rate or charge is not specified in the Company's tariffs, charges will be based on the costs incurred by the Company (including return) and may include:

- A. nonrecurring charges;
- B. recurring charges;
- C. termination liabilities; or
- D. combinations of A., B., and C.

15.1 SPECIAL CONSTRUCTION (Cont'd)

15.1.2 Termination Liability

To the extent that there is no other requirement for use by the Company, a termination liability may apply for facilities specially constructed at the request of a customer.

15.2 NON-ROUTINE INSTALLATION AND/OR MAINTENANCE

At the customer's request, installation and/or maintenance may be performed outside the Company's regular business hours, or (in the Company's sole discretion and subject to any conditions it may impose) in hazardous locations. In such cases, charges based on the cost of labor, material, and other costs incurred by or charged to the Company will apply. If installation is started during regular business hours but, at the Customer's request, extends beyond regular business hours into time periods including, but not limited to, weekends, holidays, and/or night hours, additional charges may apply.

15.3 INDIVIDUAL CASE BASIS (ICB) ARRANGEMENTS

Rates for ICB arrangements will be developed on a case-by-case basis in response to a bona fide request from a customer or prospective customer for service which vary from tariffed arrangements. Rates quoted in response to such requests may be different for tariffed service than those specified for such service in the Rate Attachment. ICB rates will be offered to customers in writing and will be made available to similarly situated customers. A summary of each ICB contract pricing arrangement offered pursuant to this paragraph will be filed as an addendum to this Tariff within 30 days after the contract is signed by both the Company and the customer. The following information will be included in the summary:

- A. LATA and type of switch
- B. The V&H distance from the central office to the customer's premises
- C. Service description
- D. Rates and charges
- E. Quantity of circuits
- F. Length of the agreement.

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16.1 GENERAL

This section contains the maximum rates and charges for the services identified in this Tariff that are provided by the Company. Rates and charges are generally per item charges or monthly rates as the context warrants, unless otherwise noted.

See Price List following for current rates and charges.

16.2 RESERVED FOR FUTURE USE

16.3 SERVICE CHARGES

		4.1110		
The follo	owing c	harges are asso	essed for the services listed in Section 5 of	of this Tariff. Maximum Non-Recurring <u>Charge</u>
16.3.1	Service	e Ordering Ch	arge – Per Service Order:	_
	A.	Residence		
		Primary:	For connecting new or additional Central Office lines	\$100.00
		Secondary:	For moving or changing existing service or adding new or additional service other than central office	\$100.00
	B .	Business		
		Primary:	For connecting new or additional Central Office lines	\$100.00
		Secondary:	For moving or changing existing service or adding new or additional service other than central office	\$100.00
16.3.2	Centra Office	nl Office Line Line or Trunk	Connection Charge – Per Central	
	A .	Residence		\$100.00
	B .	Business		\$100.00
16.3.3	Acces	s Line Work,	Per Line	
	A	Residence		\$100.00
	В.	Business		\$100.00
16.3.4	Premi	ses Visit Char	ge	
	\mathbf{A}_{\cdot}		sit, Per Customer Request idence	\$100.00
		2. Bus	iness	\$100.00
	$\mathbf{B}_{\cdot \cdot}$	Premises Vi	sit, Customer Equipment Trouble	
			ne Hour Minimum idence	\$300.00
		2. Bus	iness	\$300.00

16.3 SERVICE CHARGES (Cont'd)

Maximum
Non-Recurring
Charge

16.3.5 For Record Type Orders Only – Service Ordering Charge Per Customer Request

A. Residence

\$100.00

B. Business

\$100.00

16.3.6 Installation Charges

Installation charges where applicable are identified and presented throughout this tariff as part of the offering of individual items of service features.

16.3 SERVICE CHARGES (Cont'd)

16.3.7	Restora	ation Charge	Maximum Non-Recurring
	Non-Pa	ayment	Charge
	The Secondary Service Order Charge and Central Office Line Connection Charge apply.		
	A.	Residence	\$100.00
	B.	Business	\$100.00
	The Se	econdary Service Order Charge and Central Office connection Charge apply.	\$100.00
	A	Residence	\$100.00
	B	Business	\$100.00
16.3.8	Per Cu	ous Call Trace istomer Request	#200.00
	A.	Residence	\$300.00
	B.	Business	\$300.00

16.3 SERVICE CHARGES (Cont'd)

16.3.9 Returned Check Charge - Maximum

Per Occasion

The returned check charge will be equal to, or less than, the rate allowed by S.C. Code Ann. § 34-11-70 (Supp. 1998).

16.3.10 Late Payment Charge - Maximum

The Company may establish a Late Payment Charge as it deems appropriate subject to the maximum amounts and the exceptions contained in South Carolina Public Service Commission Reg. 103-622.2.

16.4 LOCAL EXCHANGE SERVICE CHARGES

The following charges are assessed for the services listed in Section 6 of this tariff.

16.4.1 Flat Rate Service

riat N	ate service	Maximum Monthly Rate
A	Business	
	One Party	\$200.00
\mathbf{B}_{\cdot}	Residence	
	One Party	\$200.00
C.	PABX and PBX	
	PBX Trunk Lines KEY-PBX Trunk Lines	\$200.00 \$200.00
D.	Extensions	
	Off-Premises Access	\$100.00

16.4 LOCAL EXCHANGE SERVICE CHARGES (Cont'd)

16.4.2 Verification and Emergency Interrupt Service

		Maximum Charge
A.,	Verification Request 1. Each Request	\$20.00
В.	Emergency Interrupt Request 1. Each Request	\$40.00
	A charge for a Verification Request also applies.	

16.5 DIRECTORY LISTING CHARGES

The following charges are assessed for the services listed in Section 7 of this tariff.

		Maximum Charges
A.	Primary Listing	\$10.00
B.	Additional Listing	\$10.00
C.	Non-Published Number Service	\$20.00
D.	Non-Listed Number Service	\$20.00

16.6 EXTENSION LINE MILEAGE

From the common equipment cabinet to the station location:

Maximum Rate

A. For each quarter mile or fraction thereof, airline measurement, per month

\$50.00

16.7 ADVANCED CALLING SERVICES

The following charges are assessed for the services listed in Section 8 of this tariff.

A. Advanced Calling Service	Maximum Residence <u>Monthly Rate</u>	Maximum Business Monthly Rate
Anonymous Call Rejection	\$25.00	\$25.00
Call Blocking	\$25.00	\$25.00
Call Forwarding	\$25.00	\$25.00
Call Forwarding Busy	\$25.00	\$25.00
Call Forwarding Busy or No Answer	\$25.00	\$25.00
Call Forwarding No Answer	\$25.00	\$25.00
Call Forwarding Preferred	\$25.00	\$25.00
Call Forwarding Remote	\$25.00	\$25.00
Call Return	\$25.00	\$25.00
Call Selector	\$25.00	\$25.00
Call Tracing	\$25.00	\$25.00
Call Waiting	\$25.00	\$25.00
Caller ID Number	\$25.00	\$50.00
Caller ID Name and Number	\$5000	\$50.00
Calling Number Delivery Blocking	\$25.00	\$25.00
Cancel Call Waiting	\$25.00	\$25.00
Directory Number Transfer	\$25.00	\$25.00
Distinctive Ring	\$25.00	\$25.00
Hot Line	\$25.00	\$25.00
Inquiry Only	\$25.00	\$2500
Repeat Dialing	\$25.00	\$25.00
Selective Call Acceptance	\$25.00	\$25.00
Speed Calling 8 Code	\$25.00	\$25.00
Speed Calling 30 Code	\$25.00	\$25.00
Three-Way Calling	\$25.00	\$25.00
Three-Way Calling with Transfer	\$25.00	\$25.00
Warm Line	\$25.00	\$25.00

16.7 ADVANCED CALLING SERVICES (Cont'd)

B. Package Rates

Advanced Calling Services stipulated in this tariff are available in the following packages:

	<u>Maximum</u> <u>Monthly Rate</u> Per C.O. Line Equipped	
	Residence	Business
Call Forwarding-All/Call Waiting	\$ 25.00	\$ 50.00
Call Forwarding-All/Speed Call 8/Call Waiting	\$ 25.00	\$ 50.00
Call Forwarding-All/Speed Call 30/Call Waiting	\$ 50.00	\$100.00
Call Forwarding-All/Speed Call 30/Call	\$ 50.00	\$100.00
Waiting/Three-Way		
Toll Restriction/Call Waiting	\$ 50.00	\$100.00

C. Service Connection Charges as described in Section 16 are applicable for all Advanced Calling Services.

16.8 TOLL RESTRICTION

The following charges are for the Toll Restriction Service only and are in addition to applicable charges for telephone service.

Maximum
Monthly Rate

A. Fixed Toll Restriction

\$50.00

B. Toll Restriction with PIN

\$50.00

Nonrecurring charges are not applicable when these Toll Restriction Services are provided as part of the original order to establish business or residential individual line service.

When Toll Restriction Services are added or rearranged on an existing line, the Service Ordering and Central Office Line Connection Charges will apply unless waived during special promotions.

16.9 RESERVED FOR FUTURE USE

16.10 UNIVERSAL EMERGENCY NUMBER SERVICE (911)

Rates are not included in this tariff for 911 service since the Counties control the rates, not the Commission.

16.11 DIRECT-INWARD DIALING (DID) SERVICE

- A. Central Office Components
 - Direct-Inward Dialing (DID) Service

	Maximum Installation <u>Charge</u>	Maximum Monthly <u>Rate</u>
Establish trunk group and provide first group of 20 DID numbers	\$600.00	\$100.00
Each additional group of 20 DID numbers	\$600.00	\$100.00
DID PBX Trunk Termination, each DID Key System Trunk Termination, each	\$600.00	\$300.00 \$300.00

16.12 LOCAL DIRECTORY ASSISTANCE

Directory Assistance Within Exchanges Served by the Company

	Maximum <u>Rate</u>
Residence	
Per Call, after allowance of two (2) free calls	\$20.00
Business	
Per Call	\$20.00

16.13 TEMPORARY SUSPENSION OF SERVICE

During the period of suspension, the access charge and end user charge is fifty percent (50%) of the rate regularly charged, as set forth in Section 6. Nonpublished number, nonlisted number and additional listing charges if applicable, are charged in full. Supplemental charges for custom calling features and customer premises equipment will not apply.

16.14 PRIVATE LINE SERVICE

16.14.1 Channels

A. Local Channels

Voice Grade

Per point of termination

Voice

	Monthly Rate		Nonre	imum curring
	Minimum	Maximum	First	arge Additional
Type 2230	\$2.00	\$100.00	\$ 700.00	\$250.00
Type 2231	\$2.00	\$150.00	\$ 700.00	\$250.00
Type 2432	\$2.00	\$270.00	\$ 800.00	\$300.00
Type 2434	\$2.00	\$ 50.00	\$ 350.00	\$200.00
Type 2435	\$2.00	\$270.00	\$ 750.00	\$300.00
Type 2261	\$2.00	\$160.00	\$1,200.00	\$500.00
Type 2462	\$2.00	\$200.00	\$1,200.00	\$500.00
Data				
Type 2260	\$2.00	\$150.00	\$850.00	\$350.00
Type 2463	\$2.00	\$300.00	\$850.00	\$350.00
Type 2464	\$2.00	\$300.00	\$850.00	\$350.00

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.2 Interoffice Channels¹

Fixed and Mileage Charges applicable, per channel

Voice Grade Service - Series 2000

	Fixed Monthly Charge		Monthly ChargePer Mile		Maximum Nonrecurring Charge
	Minimum	Maximum	Minimum	Maximum	
1 thru 8 Miles 9 thru 25 Miles Over 25 Miles	\$32.00 \$32.00 \$32.00	\$300.00 \$300.00 \$300.00	\$1.00 \$1.00 \$1.00	\$12.00 \$12.00 \$12.00	\$250.00 \$250.00 \$250.00

Note 1: For method of determining mileage, See Section 10.3.3.

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.3 Optional Features and Functions

A. Bridging

Bridging charges are applicable where more than two Local Channels, or one or more Local Channels and more than one Interoffice Channel, or more than one Local Channel and one Interoffice Channel are bridged or hubbed at the same wire center.

Voice Grade Bridges (Series 2000)

Voice Bridging

Per Port

	Maximum Nonrecurring		
	Charge	Mon	thly Rate
	J	Minimum	Maximum
Two-Wire (Type 2230)	\$100.00	\$ 7.00	\$60.00
Four-Wire (Type 2435)	\$100.00	\$ 9.00	\$65.00
Data Bridging			
Per Port			
Four-Wire (Types 2463 and 2464)	\$100.00	\$15.00	\$100.00

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.3 Optional Features and Functions (Cont'd)

A. Bridging (Cont'd)

Voice Grade Bridges (Series 2000) (Cont'd)

Addressable Arrangement

	Maximum Nonrecurring Charge	Monthly Rate		
		Minimum	Maximum	
Common Equipment	\$500.00	\$200.00	\$1,200.00	
Channel Connection	s			
Per two-wire connection Per four-wire connection	\$100.00 \$100.00	\$ 3.00 \$ 13.00	\$ 25.00 \$ 70.00	

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.3 Optional Features and Functions (Cont'd)

B. Signaling Arrangements

Signaling arrangements are provided at the customer's option to arrange channels for suitable signaling. Signaling is required on all off-premises extension channels and tie line channels associated with PBX (or similar) systems.

Per local channel

	Monthly Rate		Maximum Nonrecurring Charge	
	Minimum	Maximum	Initial	Subsequent
Ringdown-Manual	\$10.00	\$50.00	\$100.00	\$450.00
Ringdown-Automatic	\$ 9.00	\$50.00	\$100.00	\$200.00
E&M Type	\$ 9.00	\$50.00	\$100.00	\$400.00
Type A (0-199 ohms)	\$ 4.00	\$30.00	\$100.00	\$300.00
Type B (200-899 ohms)	\$ 4.00	\$30.00	\$100.00	\$300.00
Type C (900 or more ohms)	\$ 3.00	\$20.00	\$100.00	\$300.00

Envisions Delay Distortion

MAXIMUM RATES AND CHARGES

16.14 PRIVATE LINE SERVICE (Cont'd)

- 16.14.3 Optional Features and Functions (Cont'd)
 - C. Conditioning (Voice Grade Services)

Conditioning provides more specific transmission characteristics for data services. There are two types of C-conditioning and one type of D-conditioning, each with different technical specifications. C-Type conditioning controls attenuation distortion and envelope delay distortion. D-Type conditioning controls the signal to C-notched noise ratio and intermodulation distortion.

Conditioning is charged for on a per Local Channel basis for two-point and multi-point service. For two-point services the parameters apply to each service. For multipoint services the parameters apply to any path between any two service points.

The types and description of the available conditioning options are as follows:

	Frequency Response	Envelope Delay Distortion	
Type Conditioning	Specification	Specification	
C1 (two-point or multipoint)	300-2700 Hz,	1000-2400 Hz, less than	
,	-2db to $+6dB$.	1000 microseconds	
	1000-2400 Hz,		
	-1dB to $+3$ dB.		
	300-3000 Hz,		
	-3 dB to ± 12 dB.		
C2 (two-point or multipoint)	300-3000 Hz, -3dB to +6dB. 500-2800 Hz, -dB to +3dB.	1000-2600 Hz, less than 500 microseconds 600-2600 Hz, less than 1500 microseconds 500-2800 Hz, less than 3000 microseconds	
		Non-Linear Distortion	
	C-Notched Noise	2nd Order 3rd Order Distortion Distortion	
D1 (two-point)	Noise level 28dB below signal level	35dB below signal level signal level	

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.3 Optional Features and Functions (Cont'd)

C. Conditioning (Voice Grade Services) (Cont'd)

When a channel is equipped with Type D1 conditioning and is utilized for voice communications, the Company does not undertake to represent that the channel will be suitable for such voice transmission.

C-Type Conditioning

C-Type Conditioning is available for Types 2463 and 2464.

C-Types of Conditioning per local channel

	Monthly Rate		Maximum Nonrecurring Charge	
	Minimum	Maximum	Initial	Subsequent
C1-Type C2-Type	\$2.00 \$2.00	\$20.00 \$20.00	\$ 40.00 \$100.00	\$200.00 \$300.00

D-Type Conditioning

D-Type Conditioning is available for Types 2463 and 2464.

D-Type Conditioning per local channel

			Maximum Nonrecurring		
	Monthly Rate		•	Charge	
	Minimum	Maximum	Initial	Subsequent	
D1-Type	\$2.00	\$20.00	\$75.00	\$300.00	

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.4 Digital Service

A. Service wholly within the same LATA.

A Digital Local Channel is furnished between a Serving Wire Center and the customer's premises. The Digital Local Channel charges apply per local channel.

		imum ring Charge	Monthly Rate		Maximum Rate	Maximum Rate
	First	Add'l			24 to 42	43 to 60
					Months	Months
			Minimum	Maximum		
2.4 Kbps	\$700.00	\$250.00	\$4500	\$300.00	\$400.00	\$400.00
4.8 Kbps	\$700.00	\$250.00	\$45.00	\$300.00	\$400.00	\$400.00
9.6 Kbps	\$700.00	\$250.00	\$45.00	\$300.00	\$400.00	\$400.00
19.2 Kbps	\$700.00	\$250.00	\$45.00	\$300.00	\$400.00	\$400.00
56.0 Kbps	\$700.00	\$250.00	\$65.00	\$400.00	\$600.00	\$600.00
64.0 Kbps	\$700.00	\$250.00	\$65.00	\$400.00	\$600.00	\$600.00
	A Node Ch	annel Terminati	on is required at t	he Company's No	de Central Offic	e. Node
	Channel Te	rmination per lo	ocal channel or eq	uivalent, each.		
2.4 Kbps	\$75.00	\$75.00	\$12.00	\$70.00	\$100.00	\$100.00
4.8 Kbps	\$75.00	\$75.00	\$12.00	\$70.00	\$100.00	\$100.00
9.6 Kbps	\$75.00	\$75.00	\$12.00	\$70.00	\$100.00	\$100.00
19.2 Kbps	\$75.00	\$75.00	\$12.00	\$70.00	\$100.00	\$100.00
56.0 Kbps	\$75.00	\$75.00	\$25.00	\$160.00	\$250.00	\$250.00
64.0 Kbps	\$75.00	\$75.00	\$25.00	\$160.00	\$250.00	\$250.00

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.4 Digital Service (Cont'd)

A. Service wholly within the same LATA. (Cont'd)

A Digital Interoffice Channel is furnished between a serving wire center and the Node Central Office or between Node Central Offices. Digital Interoffice mileage is portrayed in bands. The appropriate mileage band for calculating interoffice mileage rates is determined by the total length in miles of that interoffice channel. A flat rate and a rate per mile apply to each band, for each Digital Interoffice Channel provided. ¹

Interoffice channel, each channel 0-8 miles

Fixed rates applicable

	Maximum Nonrecurring Charge	Monthly Rate		Maximum Rate 24 to 42 Months	Maximum Rate 43 to 60 Months
		Minimum	Maximum		
2.4, 4.8, 9.6 and 19.2 Kbps	\$200.00	\$15.00	\$100.00	\$200.00	\$200.00
56.0 and 64.0 Kbps	\$200.00	\$35.00	\$200.00	\$300.00	\$300.00
Eacl	n mile or fraction t	hereof			
2.4, 4.8, 9.6 and	-	\$ 1.00	\$15.00	\$20.00	\$20.00
19.2 Kbps 56.0 and 64.0 Kbps	-	\$ 2.00	\$25.00	\$30.00	\$30.00

Note 1: Refer to the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4 for mileage measurement methodology and wire center Vertical (V) and Horizontal (H) coordinates.

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.4 Digital Service (Cont'd)

A. Service wholly within the same LATA. (Cont'd)

Interoffice channel, each channel 9-25 miles

Fixed rates applicable

	Maximum Nonrecurring Charge	Monthly Rate		Maximum Rate 24 to 42	Maximum Rate 43 to 60
		Minimum	Maximum	Months	Months
2.4, 4.8, 9.6 and	\$200.00	\$15.00	\$100.00	\$200.00	\$200.00
19.2 Kbps 56.0 and 64.0 Kbps	\$200.00	\$35.00	\$200.00	\$300.00	\$300.00
Each	mile or fraction th	ereof			
2.4, 4.8, 9.6 and	-	\$ 1.00	\$15.00	\$20.00	\$20.00
19.2 Kbps 56.0 and 64.0 Kbps	-	\$ 2.00	\$25.00	\$30.00	\$30.00
Interoffice ch	annel, each channo	el over 25 miles			
Fixed	d rates applicable				
2.4, 4.8, 9.6 and	\$200.00	\$15.00	\$100.00	\$200.00	\$200.00
19.2 Kbps 56.0 and 64.0 Kbps	\$200.00	\$35.00	\$200.00	\$300.00	\$300.00
Each	mile or fraction th	nereof			
2.4, 4.8, 9.6 and	-	\$ 1.00	\$15.00	\$20.00	\$20.00
19.2 Kbps 56.0 and 64.0 Kbps	-	\$ 2.00	\$25.00	\$30.00	\$30.00

Issued: May 25, 2005 Effective: Upon Approval of the Commission

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16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.4 Digital Service (Cont'd)

B. Optional Features and Functions

Multipoint Service, per local or interoffice channel bridged^{1,2}

	Maximum Nonrecurring	MonthlyRate		Maximum Rate 24 to 42	Maximum Rate 43 to 60	
	Charge	Minimum	Maximum	Months	Months	
2.4, 4.8, 9.6 and 19.2 Kbps 56.0 Kbps	\$ 60.00 \$ 60.00	\$20.00 \$20.00	\$150.00 \$150.00	\$200.00 \$200.00	\$200.00 \$200.00	

Speed Change Charge³

Maximum Nonrecurring Charge First Additional

Per local channel

\$400.00

\$150.00

Note 1:

This option may not be available in all service locations.

Note 2:

This option is not available with 64.0 Kbps

Note 3:

Speed Change Charge is applicable where circuit out of service time during speed change

activity is acceptable to customer.

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.5 T-1 Service

A. A Digital Channel is furnished between a Serving Wire Center and the customer's premises. Rates are based on the airline distance between the Serving Wire Center and the customer's premises.

	Maximum Rates and Charges				
	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months
Digital Local Channel, each First ½ Mile Each additional ½ Mile, or fraction thereof	\$600.00	\$500.00 \$200.00	\$400.00 \$200.00	\$400.00 \$200.00	\$400.00 \$200.00

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.5 T-1 Service (Cont'd)

B. Interoffice Channels are furnished between Central Offices. Rates are based on the airline distance between Central Offices.¹

	Maximum Rates and Charges					
	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	
Interoffice Channel, each channel 0 - 8 miles Fixed Monthly Rate Each airline Mile, or	\$250.00	\$300.00 \$150.00	\$300.00 \$150.00	\$300.00 \$150.00	\$300.00 \$150.00	
Interoffice Channel, each channel 9 - 25 miles Fixed Monthly Rate Each airline Mile, or	\$250.00 -	\$300.00 \$150.00	\$300.00 \$150.00	\$300.00 \$150.00	\$300.00 \$150.00	
Interoffice Channel, each channel over 25 miles Fixed Monthly Rate Each airline Mile, or	\$250.00 -	\$400.00 \$150.00	\$400.00 \$150.00	\$400.00 \$150.00	\$400.00 \$150.00	

¹Refer to 10.3.3 of this Tariff for mileage measurement methodology.

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.5 T-1 Service (Cont'd)

C. Clear Channel Capability is furnished on a per T-1 Service channel basis.

	Maximum Rates and Charges				
Per T-1 Service channel	Monthly	Nonrecurring Charge			
optioned as:	Rate	Initial	Subsequent		
Superframe Format (SF)	-	-	\$1,200.00		
Extended Superframe	-	-	\$1,200.00		
Format (ESF)					

D. Move Charge

A move charge, per T-1 Service channel, applies for each Digital Local Channel moved to a new location in the same building. This move charge is equal to the sum of the Digital Local Channel Nonrecurring Charge, Service Change Charge – Inside Moves, and Premises Visit Charge.

E. Service Connection Charges

- Service Establishment Charges are applicable, for each T-1 Service channel ordered, for receiving and recording information and/or taking action in connection with a customer's request, and processing the necessary data. These charges include engineering design, common centralized testing and coordination.
- 2. Service Change Charges are applicable for receiving and recording information and/or taking action in connection with a customer's Inside Move or transfer of service responsibility request, for processing the necessary data on an existing T-1 Service channel. A Service Change Charge is applicable for each T-1 Service channel associated with the customer request (in lieu of a Service Establishment Charge).

¹Refer to 10.5.2.A.7 of this Tariff for description of T-1 Service channels.

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MAXIMUM RATES AND CHARGES

16.14 PRIVATE LINE SERVICE (Cont'd)

16.14.5 T-1 Service (Cont'd)

E. Service Connection Charges

- 3. Premises Visit Charges are applicable, per Digital Local Channel, for the termination of a channel at a customer's premises or for inside moves. Only one Premises Visit Charge applies when more than one channel service of the same type is terminated or moved at the same premises at the same time.
- 4. Connection charges are applicable for the connection and testing of Digital Local Channels and/or Interoffice Channels. The charges are those nonrecurring charges contained in A. and B. preceding.
- 5. Charges for T-1 Service

	Maximum Nonrecurring Charge
Service Establishment Charge	
Per T-1 Service Channel ¹	
Each	\$1,200.00
Service Change Charge	
Per T-1 Service Channel ¹	
For Inside Moves, each	\$700.00
Per Transfers of Responsibility, each	\$100.00
Premises Visit Charge	
Per Digital Local Channel or for an Inside Move ²	
Per Visit	\$ 70.00

¹Refer to 10.5.2.A.7 of this Tariff for description of T-1 Service channels.

²This charge is applicable to additional stations subsequently installed in a building.

16.15 RESERVED FOR FUTURE USE

16.16 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) SERVICE

- A. Rates and Charges Basic Rate Interface (BRI)
 - 1. ISDN-BRI Interface and Access Facility

The rates and charges below include provisioning one or two B Channels and an ISDN capable access line to the customer's premise.

Facility	Maximum Monthly	Maximum Installation
	Rate	<u>Charge</u>
Residence Rate – Two B Channels	\$180.00	\$400.00
Business Rate – Two B Channels	\$240.00	\$400.00
Business Rate – ISDN-BRI	\$240.00	\$500.00
D Channel Signaling Control	No charge	No charge
Distance Extension Charge Business and Residence Rate	\$140.00	No charge

2. Usage Charges

- a. The following usage charges will be assessed on originating local calls.

 Any measured or long-distance charges applicable, as specified in other sections of this Tariff, are in addition to these local usage charges for ISDN-BRI service.
- b. The term "monthly" as used below describes the actual dates of the beginning and cut-off date of the customer's billing cycle.

	Maximum
Usage Element	Per minute
	N T 1
Business Rate – First 350 hours/monthly	No charge
Each additional minute in excess of 350 hours	\$0.25
Residence Rate – First 175 hours/monthly	No charge
Each additional minute in excess of 175 hours	\$0.25

Note: The usage allocation will be accrued on either B Channel. The simultaneous use of two B Channels for data will accumulate usage time from both channels. Unused monthly allocation will not carry over to the next month.

16.16 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) SERVICE (Cont'd)

- A. Rates and Charges Basic Rate Interface (BRI) (Cont'd)
 - 3. Directory Numbers are offered at the following rates and charges per B Channel:

	Maximum Monthly <u>Rate</u>	Maximum Installation <u>Charge</u>
Primary Directory Number	No charge	No charge
Secondary Directory Number	\$20.00	No charge
Residence Rate	\$50.00	No charge
Business Rate	\$50.00	No charge

4. Optional features are offered at the following rates and charges per B Channel:

Optional Feature	ISDN-BRI Service Only	Maximum Monthly <u>Rate</u>	Maximum Installation <u>Charge</u>
Additional Call Offering		\$5.00	No charge
Call Pickup	Yes	\$5.00	No charge
Multiple Appearance Directory Num	iber Yes	\$5.00	No charge
Intercom Calling	Yes	\$5.00	No charge
Analog Line Appearances	Yes	\$.500	No charge

5. Subsequent Feature Additions and Changes – When features are ordered and modified after the initial installation, a nonrecurring feature addition and change charge will apply. Only one service charge will appear when multiple features are added or changed if they are included in one service order.

Maximum
Nonrecurring
<u>Charge</u>
\$80.00

Feature Additions and Changes per B Channel

Issued: May 25, 2005

Effective: Upon Approval of the Commission

16.16 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) SERVICE (Cont'd)

- B. Rates and Charges Primary Rate Interface (PRI)
 - 1. The minimum configuration is a T1 with 23 B +D.
 - 2. Base configuration includes forty (40) DID numbers, 2 way voice capability and data capability.
 - PRI is not available to Commercial Radio Mobile Carriers, Private Mobile Radio Carriers and Interexchange Carriers in their provision of services to their customers.
 - 4. PRI is available for both residential and business customers.
 - 5. Monthly rate includes T1 termination, T1 configuration and twenty-four (24), T1 channels.
 - 6. Primary Rate Interface Maximum Rates and Charges

a. T-1 23 B+D \$5,800.00 monthly

b. T-1 24 B \$5,800.00 monthly

c. Installation charges \$12,000.00

Effective: Upon Approval of the Commission

Issued: May 25, 2005

This section contains the current rates and charges for the services identified in this Tariff that are provided by the Company. Rates and charges are generally per item charges or monthly rates as the context warrants, unless otherwise noted.

RESERVED FOR FUTURE USE

SERVICE CHARGES

The following charges are assessed for the services listed in Section 5 of this Tariff.

				Non-Recurring Charge
1.	. Service Ordering Charge – Per Service Order:			
	A .	Residence		
		Primary:	For connecting new or additional Central Office lines	\$10.00
		Secondary:	For moving or changing existing service or adding new or additional service other than central office	\$ 8.00
	В.	Business		
		Primary:	For connecting new or additional Central Office lines	\$12.00
		Secondary:	For moving or changing existing service or adding new or additional service other than central office	\$ 8.00
2.	Centr Office	al Office Line e Line or Trunl	Connection Charge – Per Central k	
	A.	Residence		\$ 4.00
	B.	Business		\$ 4.00
3.	Acce	ss Line Work,	Per Line	
	A.	Residence		\$ 5.00
	B.	Business		\$ 6.00
4.	Prem	ises Visit Char	rge	
	\mathbf{A} .		isit, Per Customer Request iidence	\$ 2.00
		2. Bus	siness	\$ 3.00
	В.	Per Hour, C	isit, Customer Equipment Trouble One Hour Minimum sidence	\$25.00
		2. Bus	siness	\$25.00

SERVICE CHARGES (Cont'd)

5. For Record Type Orders Only – Service Ordering Charge Per Customer Request

A. Residence

\$10.00

B. Business

\$12.00

6. Installation Charges

Installation charges where applicable are identified and presented throughout this tariff as part of the offering of individual items of service features.

SERVICE CHARGES (Cont'd)

7.	Restoration Charge		Non-Recurring Charge	
	Non-l	Payment		
	The S Line (Secondary Service Order Charge and Central Office Connection Charge apply.		
	A.	Residence	\$12.00	
	B.	Business	\$1200	
	<u>Tem</u> p	porary Suspension		
		Secondary Service Order Charge and Central Office Connection Charge apply.		
	A	Residence	\$12.00	
	В.	Business	\$1200	
8.		cious Call Trace Customer Request		
	A.	Residence	\$25.00	
	В.	Business	\$25.00	

SERVICE CHARGES (Cont'd)

9. Returned Check Charge

Per Occasion

The returned check charge will be equal to, or less than, the rate allowed by S.C. Code Ann. § 34-11-70 (Supp. 1998).

10. Late Payment Charge

The Company may establish a Late Payment Charge as it deems appropriate subject to the maximum amounts and the exceptions contained in South Carolina Public Service Commission Reg. 103-622.2.

LOCAL EXCHANGE SERVICE CHARGES

The following charges are assessed for the services listed in Section 6 of this tariff.

1. Flat Rate Service

		Monthly Rate
A.	<u>Business</u>	
	One Party	\$28.70
B.	Residence	
	One Party	\$14.35
C.	PABX and PBX	
	PBX Trunk Lines KEY-PBX Trunk Lines	\$33.75 \$28.70
D.	Extensions	
	Off-Premises Access	\$ 5.25

LOCAL EXCHANGE SERVICE CHARGES (Cont'd)

2. Verification and Emergency Interrupt Service

A.	Verification Request		
	1	Each Request	\$1.25

B. Emergency Interrupt Request
1. Each Request \$1.75

A charge for a Verification Request also applies.

DIRECTORY LISTING CHARGES

The following charges are assessed for the services listed in Section 7 of this tariff.

		Charges
A	Primary Listing	No Charge
B.	Additional Listing	\$0.50
C.	Non-Published Number Service	\$1.50
D.	Non-Listed Number Service	\$1.50

EXTENSION LINE MILEAGE

From the common equipment cabinet to the station location:

A. For each quarter mile or fraction thereof, airline measurement, per month

\$0.75

ADVANCED CALLING SERVICES

The following charges are assessed for the services listed in Section 8 of this tariff.

A. Advanced Calling Service	Residence Monthly Rate	Business Monthly Rate
Anonymous Call Rejection	\$3.00	\$3.50
Call Blocking	\$2,50	\$3.00
Call Forwarding	\$2.00	\$4.00
Call Forwarding Busy	\$1.50	\$3.00
Call Forwarding Busy or No Answer	\$2.00	\$4.00
Call Forwarding No Answer	\$1.50	\$3.00
Call Forwarding Preferred	\$2.50	\$3.00
Call Forwarding Remote	\$3.00	\$6.00
Call Return	\$2.50	\$3.00
Call Selector	\$2.50	\$3.00
Call Tracing	\$4.00	\$5.00
Call Waiting	\$2.00	\$4.00
Caller ID Number	\$4.00	\$500
Caller ID Name and Number	\$5.50	\$6.50
Calling Number Delivery Blocking	\$2.00	\$2.00
Cancel Call Waiting	\$1.00	\$1.00
Directory Number Transfer	\$2.00	\$4.00
Distinctive Ring	\$2.75	\$2.75
Hot Line	\$1.00	\$2.00
Inquiry Only	\$2.00	\$4.00
Repeat Dialing	\$2.50	\$3.00
Selective Call Acceptance	\$2.25	\$2.75
Speed Calling 8 Code	\$1.50	\$3.00
Speed Calling 30 Code	\$3.00	\$5.00
Three-Way Calling	\$1.50	\$3.00
Three-Way Calling with Transfer	\$2.00	\$4.00
Warm Line	\$1.00	\$2.00

ADVANCED CALLING SERVICES (Cont'd)

B. Package Rates

Advanced Calling Services stipulated in this tariff are available in the following packages:

	Monthly Rate Per C.O. Line Equipped	
	Residence	Business
Call Forwarding-All/Call Waiting	\$3.50	\$7.00
Call Forwarding-All/Speed Call 8/Call Waiting	\$4.00	\$8.00
Call Forwarding-All/Speed Call 30/Call Waiting	\$5.00	\$10.00
Call Forwarding-All/Speed Call 30/Call	\$6.00	\$12.00
Waiting/Three-Way		
Toll Restriction/Call Waiting	\$4.50	\$6.50

C. Service Connection Charges as described in Section 16 are applicable for all Advanced Calling Services.

TOLL RESTRICTION

The following charges are for the Toll Restriction Service only and are in addition to applicable charges for telephone service.

Month	ıly	Rate

A. Fixed Toll Restriction \$2.50

B. Toll Restriction with PIN \$5.50

Nonrecurring charges are not applicable when these Toll Restriction Services are provided as part of the original order to establish business or residential individual line service.

When Toll Restriction Services are added or rearranged on an existing line, the Service Ordering and Central Office Line Connection Charges will apply unless waived during special promotions.

16.10 UNIVERSAL EMERGENCY NUMBER SERVICE (911)

Rates are not included in this tariff for 911 service since the Counties control the rates, not the Commission.

DIRECT-INWARD DIALING (DID) SERVICE

- A. Central Office Components
 - 1. Direct-Inward Dialing (DID) Service

	Installation Charge	Monthly Rate
Establish trunk group and provide first group of 20 DID numbers	\$15.00	\$4.00
Each additional group of 20 DID numbers	\$15.00	\$4.00
DID PBX Trunk Termination, each DID Key System Trunk Termination, each	\$90.00	\$40.00 \$33.75

LOCAL DIRECTORY ASSISTANCE

Directory Assistance Within Exchanges Served by the Company

	Rate
Residence	
Per Call, after allowance of two (2) free calls	\$0.40
Business	
Per Call	\$0.40

TEMPORARY SUSPENSION OF SERVICE

During the period of suspension, the access charge and end user charge is fifty percent (50%) of the rate regularly charged, as set forth in Section 6. Nonpublished number, nonlisted number and additional listing charges if applicable, are charged in full. Supplemental charges for custom calling features and customer premises equipment will not apply.

PRIVATE LINE

Channels

A. Local Channels

Voice Grade

Per point of termination

Voice

	Monthly Rate	Nonre	curring
	v	Charge	
		First	Additional
Type 2230	\$20.00	\$345.00	\$115.00
Type 2231	\$30.00	\$345.00	\$115.00
Type 2432	\$55.00	\$390.00	\$145.00
Type 2434	\$10.00	\$165.00	\$ 83.00
Type 2435	\$55.00	\$370.00	\$130.00
Type 2261	\$30.00	\$580.00	\$245.00
Type 2462	\$45.00	\$565.00	\$235.00
Data			
Type 2260	\$30.00	\$415.00	\$160.00
Type 2463	\$60.00	\$415.00	\$160.00
Type 2464	\$60.00	\$410.00	\$155.00

PRIVATE LINE (Cont'd)

Interoffice Channels¹

Fixed and Mileage Charges applicable, per channel

Voice Grade Service - Series 2000

	Fixed Monthly Charge	Monthly ChargePer Mile	Nonrecurring Charge
1 thru 8 Miles	\$60.00	\$2.50	\$105.00
9 thru 25 Miles	\$60.00	\$2.50	\$105.00
Over 25 Miles	\$60.00	\$2.50	\$105.00

Note 1: For method of determining mileage, See Section 10.3.3.

PRIVATE LINE (Cont'd)

Optional Features and Functions

A. Bridging

Bridging charges are applicable where more than two Local Channels, or one or more Local Channels and more than one Interoffice Channel, or more than one Local Channel and one Interoffice Channel are bridged or hubbed at the same wire center.

Voice Grade Bridges (Series 2000)

Voice Bridging

Per Port

	Nonrecurring Charge	Monthly Rate
Two-Wire (Type 2230)	\$39.00	\$12.00
Four-Wire (Type 2435)	\$39.00	\$14.00
Data Bridging		
Per Port		
Four-Wire (Types 2463 and 2464)	\$43.00	\$20.00

PRIVATE LINE (Cont'd)

Optional Features and Functions (Cont'd)

A. Bridging (Cont'd)

Voice Grade Bridges (Series 2000) (Cont'd)

Addressable Arrangement

	Nonrecurring Charge	Monthly Rate
Common Equipment	\$255.00	\$250.00
Channel Connect	ions	
Per two-wire connection Per four-wire connection	\$40.00 \$44.00	\$ 5.00 \$ 15.00

PRIVATE LINE (Cont'd)

16.14.3 Optional Features and Functions (Cont'd)

B. Signaling Arrangements

Signaling arrangements are provided at the customer's option to arrange channels for suitable signaling. Signaling is required on all off-premises extension channels and tie line channels associated with PBX (or similar) systems.

Per local channel

	Monthly Rate	Nonre	ecurring
	·	Initial	Subsequent
Ringdown-Manual	\$11.00	\$42.00	\$215.00
Ringdown-Automatic	\$10.00	\$15.00	\$ 74.00
E&M Type	\$1000	\$43.00	\$190.00
Type A (0-199 ohms)	\$ 600	\$42.00	\$140.00
Type B (200-899 ohms)	\$ 6.00	\$41.00	\$140.00
Type C (900 or more ohms)	\$ 3.00	\$11.00	\$140.00

PRIVATE LINE (Cont'd)

- 16.14.3 Optional Features and Functions (Cont'd)
 - C. Conditioning (Voice Grade Services)

Conditioning provides more specific transmission characteristics for data services. There are two types of C-conditioning and one type of D-conditioning, each with different technical specifications. C-Type conditioning controls attenuation distortion and envelope delay distortion. D-Type conditioning controls the signal to C-notched noise ratio and intermodulation distortion.

Conditioning is charged for on a per Local Channel basis for two-point and multi-point service. For two-point services the parameters apply to each service. For multipoint services the parameters apply to any path between any two service points.

The types and description of the available conditioning options are as follows:

Type Conditioning C1 (two-point or multipoint)	Frequency Response Specification 300-2700 Hz, -2db to +6dB. 1000-2400 Hz, -1dB to +3dB. 300-3000 Hz, -3dB to +12dB.	Envelope Delay Distortion Specification 1000-2400 Hz, less than 1000 microseconds
C2 (two-point or multipoint)	300-3000 Hz, -3dB to +6dB. 500-2800 Hz, -dB to +3dB.	1000-2600 Hz, less than 500 microseconds 600-2600 Hz, less than 1500 microseconds 500-2800 Hz, less than 3000 microseconds
		Non-Linear Distortion
	C-Notched Noise	2nd Order 3rd Order Distortion
D1 (two-point)	Noise level 28dB below signal level	35dB below 40dB below signal level signal level

PRIVATE LINE (Cont'd)

- 16.14.3 Optional Features and Functions (Cont'd)
 - C. Conditioning (Voice Grade Services) (Cont'd)

When a channel is equipped with Type D1 conditioning and is utilized for voice communications, the Company does not undertake to represent that the channel will be suitable for such voice transmission.

C-Type Conditioning

C-Type Conditioning is available for Types 2463 and 2464.

C-Types of Conditioning per local channel

	Monthly Rate		nrecurring Charge
		Initial	Subsequent
C1-Type C2-Type	\$3.00 \$3.00	\$10.00 \$22.00	\$85.00 \$94.00

D-Type Conditioning

D-Type Conditioning is available for Types 2463 and 2464.

D-Type Conditioning per local channel

	Monthly Rate		nrecurring Charge
		Initial	Subsequent
D1-Type	\$3.00	\$15.00	\$8900

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PRICE LIST

PRIVATE LINE (Cont'd)

Digital Service

A. Service wholly within the same LATA.

A Digital Local Channel is furnished between a Serving Wire Center and the customer's premises. The Digital Local Channel charges apply per local channel.

Nonrecurring Charge		Monthly Rate	24 to 42	43 to 60	
First	Add'l		Months	Months	
\$340.00	\$105.00	\$55.00	\$49.00	\$47.00	
\$340.00	\$105.00	\$55.00	\$49.00	\$47.00	
\$340.00	\$105.00	\$55.00	\$49.00	\$4700	
\$340.00	\$105.00	\$55.00	\$49.00	\$47.00	
\$340.00	\$105.00	\$75.00	\$65.00	\$60.00	
\$340.00	\$105.00	\$75.00	\$65.00	\$60.00	
	\$340.00 \$340.00 \$340.00 \$340.00 \$340.00	\$340.00 \$105.00 \$340.00 \$105.00 \$340.00 \$105.00 \$340.00 \$105.00 \$340.00 \$105.00	First Add'1 \$340.00 \$105.00 \$55.00 \$340.00 \$105.00 \$55.00 \$340.00 \$105.00 \$55.00 \$340.00 \$105.00 \$55.00 \$340.00 \$105.00 \$55.00 \$340.00 \$105.00 \$75.00	Nonrecurring Charge First Monthly Rate 42 Months \$340.00 \$105.00 \$55.00 \$49.00 \$340.00 \$105.00 \$55.00 \$49.00 \$340.00 \$105.00 \$55.00 \$49.00 \$340.00 \$105.00 \$55.00 \$49.00 \$340.00 \$105.00 \$55.00 \$65.00 \$340.00 \$105.00 \$75.00 \$65.00	

A Node Channel Termination is required at the Company's Node Central Office. Node Channel Termination per local channel or equivalent, each.

2.4 Kbps	\$37.00	\$32.00	\$13.00	\$11.75	\$11.50
4.8 Kbps	\$37.00	\$32.00	\$13.00	\$11.75	\$11.50
9.6 Kbps	\$37.00	\$32.00	\$13.00	\$11.75	\$11.50
19.2 Kbps	\$37.00	\$32.00	\$13.00	\$11.75	\$11.50
56.0 Kbps	\$37.00	\$32.00	\$33.00	\$28.00	\$26.00
64.0 Kbps	\$37.00	\$32.00	\$33.00	\$28.00	\$26.00

PRIVATE LINE (Cont'd)

Digital Service (Cont'd)

A. Service wholly within the same LATA. (Cont'd)

A Digital Interoffice Channel is furnished between a serving wire center and the Node Central Office or between Node Central Offices. Digital Interoffice mileage is portrayed in bands. The appropriate mileage band for calculating interoffice mileage rates is determined by the total length in miles of that interoffice channel. A flat rate and a rate per mile apply to each band, for each Digital Interoffice Channel provided. ¹

Interoffice channel, each channel 0-8 miles

Fixed rates applicable

	Nonrecurring Charge	Monthly Rate	24 to 42 Months	43 to 60 Months
2.4, 4.8, 9.6 and 19.2 Kbps	\$93.00	\$22.00	\$19.50	\$19.00
56.0 and 64.0 Kbps	\$93.00	\$44.00	\$36.00	\$34.00
Ег	ach mile or fraction the	reof		
2.4, 4.8, 9.6 and	-	\$2.25	\$ 1.90	\$ 1.75
19.2 Kbps 56.0 and 64.0 Kbps	-	\$4.50	\$ 3.80	\$ 3.10

Note 1: Refer to the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4 for mileage measurement methodology and wire center Vertical (V) and Horizontal (H) coordinates.

PRIVATE LINE (Cont'd)

16.14.4 Digital Service (Cont'd)

A. Service wholly within the same LATA. (Cont'd)

Interoffice channel, each channel 9-25 miles

Fixed rates applicable

	Nonrecurring Charge	Monthly Rate	24 to 42 Months	43 to 60 Months
2.4, 4.8, 9.6 and	\$93.00	\$22.00	\$19.50	\$1900
19.2 Kbps 56.0 and 64.0 Kbps	\$93.00	\$44.00	\$36.00	\$34.00
Each	mile or fraction thereo:	f		
2.4, 4.8, 9.6 and	-	\$2.20	\$ 1.85	\$ 1.70
19.2 Kbps 56.0 and 64.0 Kbps	-	\$4.40	\$ 3.70	\$ 3.00
Interoffice cha	nnel, each channel ov	er 25 miles		
Fixed	rates applicable			
2.4, 4.8, 9.6 and 19.2 Kbps	\$93.00	\$22.00	\$19.50	\$19.00
56.0 and 64.0 Kbps	\$93.00	\$44.00	\$36.00	\$34.00
Each	mile or fraction thereo	f		
2.4, 4.8, 9.6 and	-	\$2.15	\$ 1.80	\$ 1.65
19.2 Kbps 56.0 and 64.0 Kbps	-	\$4.30	\$ 3.60	\$ 2.90

PRIVATE LINE (Cont'd)

Digital Service (Cont'd)

B. Optional Features and Functions

Multipoint Service, per local or interoffice channel bridged^{1,2}

	Multipoint Servi	ce, per local	or interornce	chamile bridged		
		Nonrecurri Charge		onthlyRate	24 to 42 Months	43 to 60 Months
	2.4, 4.8, 9.6 and 19.2 Kbps 56.0 Kbps	\$ 28.00 \$ 28.00		\$28.00 \$28.00	\$24.00 \$24.00	\$22.00 \$22.00
	Speed Change Charge ³		Nonrecur First	ring Charge Additional		
	Per local channel		\$188.50	\$68.50		
Note 1:	This option may not be available	able in all ser	vice location	IS.		
Note 2:	This option is not available v	vith 64.0 Kbp	os			
Note 3:	Speed Change Charge is app	olicable when	e circuit out	of service time de	aring speed cl	nange

activity is acceptable to customer.

Effective: Upon Approval of the Commission Issued: May 25, 2005

PRIVATE LINE (Cont'd)

T-1 Service

A. A Digital Channel is furnished between a Serving Wire Center and the customer's premises. Rates are based on the airline distance between the Serving Wire Center and the customer's premises.

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months
Digital Local Channel, each					
First ½ Mile	\$300.00	\$11000	\$90.00	\$90.00	\$90.00
Each additional ½ Mile,	-	\$ 39.00	\$36.00	\$35.00	\$34.00

PRIVATE LINE (Cont'd)

T-1 Service (Cont'd)

B. Interoffice Channels are furnished between Central Offices. Rates are based on the airline distance between Central Offices.¹

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months
Interoffice Channel, each channel 0 - 8 miles Fixed Monthly Rate Each airline Mile, or	\$125.00 -	\$65.00 \$30.00	\$65.00 \$28.00	\$65.00 \$26.00	\$65.00 \$23.00
Interoffice Channel, each channel 9 - 25 miles Fixed Monthly Rate Each airline Mile, or	\$125.00 -	\$70.00 \$29.00	\$70.00 \$26.00	\$70.00 \$24.00	\$70.00 \$21.00
Interoffice Channel, each channel over 25 miles Fixed Monthly Rate Each airline Mile, or	\$125.00 -	\$90.00 \$28.00	\$90.00 \$24.00	\$90.00 \$22.00	\$90.00 \$19.00

¹Refer to 10.3.3 of this Tariff for mileage measurement methodology.

PRIVATE LINE (Cont'd)

T-1 Service (Cont'd)

C. Clear Channel Capability is furnished on a per T-1 Service channel basis.

Per T-1 Service channel	Monthly	Nonrecu	ırring Charge
optioned as:	Rate	Initial	Subsequent
Superframe Format (SF)	-	-	\$605.00
Extended Superframe	=	-	\$605.00
Format (ESF)			

D. Move Charge

A move charge, per T-1 Service channel, applies for each Digital Local Channel moved to a new location in the same building. This move charge is equal to the sum of the Digital Local Channel Nonrecurring Charge, Service Change Charge – Inside Moves, and Premises Visit Charge.

E. Service Connection Charges

- 1. Service Establishment Charges are applicable, for each T-1 Service channel ordered, for receiving and recording information and/or taking action in connection with a customer's request, and processing the necessary data. These charges include engineering design, common centralized testing and coordination.
- 2. Service Change Charges are applicable for receiving and recording information and/or taking action in connection with a customer's Inside Move or transfer of service responsibility request, for processing the necessary data on an existing T-1 Service channel. A Service Change Charge is applicable for each T-1 Service channel associated with the customer request (in lieu of a Service Establishment Charge).

¹Refer to 10.5.2.A.7 of this Tariff for description of T-1 Service channels.

PRIVATE LINE (Cont'd)

T-1 Service (Cont'd)

- E. Service Connection Charges (Cont'd)
 - 3. Premises Visit Charges are applicable, per Digital Local Channel, for the termination of a channel at a customer's premises or for inside moves. Only one Premises Visit Charge applies when more than one channel service of the same type is terminated or moved at the same premises at the same time.
 - 4. Connection charges are applicable for the connection and testing of Digital Local Channels and/or Interoffice Channels. The charges are those nonrecurring charges contained in A. and B. preceding.
 - 5. Charges for T-1 Service

	Nonrecurring Charge
Service Establishment Charge	
Per T-1 Service Channel ¹	
Each	\$575.00
Service Change Charge	
Per T-1 Service Channel ¹	
For Inside Moves, each	\$350.00
Per Transfers of Responsibility, each	\$ 50.00
Premises Visit Charge	
Per Digital Local Channel or for an Inside Move ²	
Per Visit	\$35.00

¹Refer to 10.5.2.A.7 of this Tariff for description of T-1 Service channels.

²This charge is applicable to additional stations subsequently installed in a building.

RESERVED FOR FUTURE USE

INTEGRATED SERVICES DIGITAL NETWORK (ISDN) SERVICE

- A. Rates and Charges Basic Rate Interface (BRI)
 - 1. ISDN-BRI Interface and Access Facility

The rates and charges below include provisioning one or two B Channels and an ISDN capable access line to the customer's premise.

Facility	Monthly <u>Rate</u>	Installation <u>Charge</u>
Residence Rate – Two B Channels	\$45.00	\$100.00
Business Rate – Two B Channels	\$60.00	\$100.00
Business Rate – ISDN-BRI	\$60.00	\$125.00
D Channel Signaling Control	No charge	No charge
Distance Extension Charge	****	37 1
Business and Residence Rate	\$35.00	No charge

2. Usage Charges

- a. The following usage charges will be assessed on originating local calls.

 Any measured or long-distance charges applicable, as specified in other sections of this Tariff, are in addition to these local usage charges for ISDN-BRI service.
- b. The term "monthly" as used below describes the actual dates of the beginning and cut-off date of the customer's billing cycle.

<u>Usage Element</u>	Per minute
Business Rate – First 350 hours/monthly	No charge
Each additional minute in excess of 350 hours	\$0.02
Residence Rate – First 175 hours/monthly	No charge
Each additional minute in excess of 175 hours	\$002

Note: The usage allocation will be accrued on either B Channel. The simultaneous use of two B Channels for data will accumulate usage time from both channels. Unused monthly allocation will

not carry over to the next month.

INTEGRATED SERVICES DIGITAL NETWORK (ISDN) SERVICE (Cont'd)

- A. Rates and Charges Basic Rate Interface (BRI) (Cont'd)
 - 3. Directory Numbers are offered at the following rates and charges per B Channel:

	Monthly <u>Rate</u>	Installation <u>Charge</u>
Primary Directory Number	No charge	No charge
Secondary Directory Number	\$2.00	No charge
Residence Rate	\$4.00	No charge
Business Rate	\$6.00	No charge

4. Optional features are offered at the following rates and charges per B Channel:

Optional Feature	ISDN-BRI Service Only	Monthly <u>Rate</u>	Installation <u>Charge</u>
Additional Call Offering		\$0.75	No charge
Call Pickup	Yes	\$0.75	No charge
Multiple Appearance Directory Number Yes		\$075	No charge
Intercom Calling	Yes	\$075	No charge
Analog Line Appearances	Yes	\$075	No charge

5. Subsequent Feature Additions and Changes – When features are ordered and modified after the initial installation, a nonrecurring feature addition and change charge will apply. Only one service charge will appear when multiple features are added or changed if they are included in one service order.

	Nonrecurring <u>Charge</u>
Feature Additions and Changes per B Channel	\$20.00

INTEGRATED SERVICES DIGITAL NETWORK (ISDN) SERVICE (Cont'd)

- B. Rates and Charges Primary Rate Interface (PRI)
 - 7. The minimum configuration is a T1 with 23 B +D.
 - 8. Base configuration includes forty (40) DID numbers, 2 way voice capability and data capability.
 - 9. PRI is not available to Commercial Radio Mobile Carriers, Private Mobile Radio Carriers and Interexchange Carriers in their provision of services to their customers.
 - 10. PRI is available for both residential and business customers.
 - 11. Monthly rate includes T1 termination, T1 configuration and twenty-four (24), T1 channels.
 - 12. Primary Rate Interface Charges

a. T-1 23 B+D \$1,450.00 monthly

b. T-1 24 B \$1,450.00 monthly

c. Installation charges \$3,000.00